



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	A D
PO039177	ACI001-VC	2	1	Net 30	M101850.250x1.000	1010-1025 Steel Bar .250 X 1.000 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W				12	3/7/2018	12		S048026	Stock	3/5/2018	\$ 1.07 / ft	
		3			M6061T6B0.375X8.000	6061T6 Bar 0.375 X 8.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				6		6		S048027	Stock	3/5/2018	\$ 10.70 / ft	
Total:										18		18						

Plex 3/5/2018 3:54 PM Dart Dubois.Pascal



# DELIVERY - CLIENT

Copy CO00076721

**ACIER OUELLETTE INC.**  
935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

## Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

## Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 FLAT CR 1/4 X 1 1018 (R) * FCR-141 2742 1 X 12' R/L HEAT: 010967	10.20	12.00	PI_\$CLB							
2 FLAT ALU 3/8 X 8 6061-T6 * FAL-388 2629 1 X 6' HEAT: 16030232B COUPE A LA SCIE SCIE 1	21.17	6.00	PI_\$CLB							
		1.00	UN							

## Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

NIR : R-109516-6

Total Weight (Lbs) : 31.37

Prepared By :

Verified By : NM

Delivered By : [Signature]

Time

Customer's Signature

Date

Total (\$CAD)

Y M D  
1 8 0 3 0 5

# 2730

FCR-141-12

48399

**TREMEFIL IZAGUIRRE**

Tremefil Izaguirre S.A.  
Zelai Aundi 2  
E-20170 Usurbil Spain

## QUALITY CERTIFICATE (EN 10204-3.1)

<b>CUSTOMER</b>		<b>CERT. NR.</b>	RIF011588	
<b>ORDER NUMBER</b>	B08471	<b>DATE</b>	12/04/2017	
<b>DELIVERY NOTE NR.</b>	028761			
<b>DESCRIPTION</b>	<b>O.F.</b>	<b>QUALITY</b>	<b>HEAT NR.</b>	<b>WEIGHT TM</b>
25,4 x 6,35 x 3660 VAISI 1018 1/4x1" 12" V 1018	095059	AISI 1018	010987	2,244

CHEMICAL ANALYSIS (%)		
		Real
C		0,170
Mn		0,720
P		0,010
S		0,024
Si		0,207
MECHANICAL PROPERTIES		
		Real
Tensile Strength (N/mm <sup>2</sup> )		834
HRB Hardness		100

<b>REMARKS</b>	<b>QUALITY DEPT.</b>
MELT IN SPAIN - Acc. to ASTM A108 and A29 latest editions	A. Gisbert Tremefil Izaguirre S.A. Dpto. Calidad

TREMEFIL IZAGUIRRE S.A. Zelai Aundi 2 / Apartado 10 - E 20170 Usurbil Spain  
 Teléfono +34 941 16 64 00 Fax +34 941 16 23 54 E-mail: info@tremefil-izaguirre.com  
 Inscrita en el Registro Mercantil de Guipúzcoa con fecha 25.11.75, Libro de Sociedades, Tomo 285 Folio 153 Hoja 5356. Inscripción 1ª  
 N.I.F. A21143111



Management System  
ISO 9001:2000  
certified by  
Dpto. Calidad

# MILL TEST

FAL 388

SHIP TO		CERT CODE:		DI NUMBER		DATE OF SHIPMENT		ORDER NO.		MANIFEST NO.	
ACIER OUELLETTE		1		S 12569		Oct/13/2016		197683 - 5		358425	
SO DESCRIPTION		CUSTOMER PO		ALLOY		SALESMAN		MADE IN CANADA			
Flat Bar 8"x 3/8"		100664		6061		HOUSE ACCOUNTS		CERTIFICATION			
		CUSTOMER PART NUMBER		PART DESCRIPTION				MILL TEST ASTM B221-14			
		DT12569		Flat Bar 8"x 3/8"							

## Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Oct/06/2016	44.00	41.40	20.50	89.2,89.8,90.6	

## Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Al	Other
16030232B	A.11	6061	0.53	0.18	0.22	0.03	0.8	0.08	0	0.01	0	0
											0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale  
Quality Control Manager



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039177**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO039177

**PO Date:** 3/2/18

**Due Date:** 3/7/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
MAR 02 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quotation no. sou0089766, sou0089404

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303R0.750		303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	3/7/18	168 ft	0 ft	168 ft	\$4.8507142/ft	\$814.92
2	M1018B0.250x1.000		1010-1025 Steel Bar .250 X 1.000 : MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W	Firmed	3/7/18	12 ft	0 ft	12 ft	\$1.0708333/ft	\$12.85
3	M6061T6B0.375X8.000		6061T6 Bar 0.375 X 8.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/7/18	6 ft	0 ft	6 ft	\$10.69666/ft	\$64.18
<b>Grand Total:</b>									<b>\$891.95</b>	

## Order Notes

*CL*

**Order Notes****Procurement Quality Clauses**

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

*Plex 3/2/18 10:46 AM dart.lavoie.chantal*



**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**Quotation**

SOU0089766

**Billed to**

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,

Alt : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/03/02

Revision N°

0

Prices valid until

2018/03/09

Your Order N°

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page 1

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROUND SS 3/4 303 (R) * RSS-34303 5761 14 X 12' R/L 2-3 DAYS	252.34	168.00	PI_CLB	168.00	PI		14.00	58.208	814.92
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs) 252.34

**Important**

This offer is based on availability and current pricing conditions that may be revised upon reception of the order.  
This offer is subject and conditional to credit approval.  
Approved and Accepted by : \_\_\_\_\_ Date : \_\_\_\_\_

Sub-total 818.87  
TVH-13 - - 106.45  
Total (\$CAD) 925.32

**ACIER OUELLETTE INC.**

935, Boul. du H  vre  
Salaberry de Valleyfield (Qu  bec) J6S 5L1  
T  l.: 450-377-4248 M  l: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 M  l: 514-336-4246 Ext.: 866-456-4242

**Quotation****SOU0089404****Billed to**

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,

Att : CHANTAL LAVOIE T  l.: 613-632-5200

**Customer N  **

CLI0001056

**Date**

2018/03/01

**Revision N  **

0

**Prices valid until**

2018/03/08

**Your Order N  ****Processed by**

Josianne Bourdon

**Salesman**

JOSIANNE

**Carrier**

OUELLE SDV

**Credit Terms**

Net 30 Days

**Page**

1

Product N�� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT CR 1/4 X 1 1018 (R) * FCR-141 2742 1 X 12' R/L STOCK	10.20	12.00	PI_\$CLB	12.00	PI		1.00	12.850	12.85
AL. PLAT 1/2 X 4 1/2 6061T6 N 1 X 12' 2-3 DAYS	0.00	1.00	UN	1.00	UN		1.00	115.000	115.00
FLAT ALU 3/8 X 8 6061-T6 * FAL-388 2629 1 X 6' STOCK COUPE A LA SCIE SCIE 1	21.17	6.00	PI_\$CLB	6.00	PI		1.00	64.180	64.18
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

**Total Weight (Lbs)**

31.37

**Important**

This offer is based on availability and current pricing conditions that may be revised upon reception of the order.

This offer is subject and conditional to credit approval.

Approved and Accepted by :

Date :

**Sub-total**

195.98

TVH-13 \* 25.48

**Total (\$CAD)****221.46**



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 H6 B0.375x8.000  
 DATE: MAR 05 2018

PO / BATCH NO.: 039177/5048027

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 6'  
 QUANTITY INSPECTED: 6'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375  
 THICKNESS RECEIVED: 0.375  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>Heat # 16030232B</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 MAR 05 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINIUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WWW.WWW  
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES  
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

**RELEASED**  
R 2009-09-03  
MD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED	AS		
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA REV. B DRAWING NO. M6061T6B SHEET 1 OF 1 TITLE 6061-T6 BAR SCALE NTS DATE 09.07.13 COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS NOT TO BE USED FOR ANY PURPOSE OR COMMERCIAL TO ANY OTHER FIRM WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1018 B0.250x1.000  
 DATE: MAR 05 2018

PO / BATCH NO.: 039177/5048026

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250  
 THICKNESS RECEIVED: 0.250  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	Astm A108
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 010767
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>9-8 MAR 05 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 1018-1025 ROUND BAR  
 SPECIFICATION: MIL-S-7097 OR ASTM A108  
 PART NUMBER: M1018-RD.DDD WHERE D.DDD = DIAMETER IN INCHES  
 DIA.

EG. 7/8" ROUND BAR = M1018-R0.875

TOLERANCES: PER ASTM A108 AS FOLLOWS:  
 SIZE TOLERANCE  
 UP TO 1.5" INCL. +0.000/-0.002  
 OVER 1.5" TO 2.5" INCL. +0.000/-0.003  
 OVER 2.5" TO 4.0" INCL. +0.000/-0.004  
 OVER 4.0" TO 6.0" INCL. +0.000/-0.005  
 OVER 6.0" TO 8.0" INCL. +0.000/-0.006

RELEASED  
 2012-09-24  
 MD

B	REFORMAT, ADD ASTM A108, ADD TOLERANCES	CP	12.09.05
A	NEW ISSUE	DS	01.08.12
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	CP		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.09.05		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	M1018-R
REV. B	SHEET 1 OF 1
TITLE	1018-1025 ROUND BAR
SCALE	NTS
COPYRIGHT © 2001 BY DART AEROSPACE LTD	
ALL RIGHTS RESERVED. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.	